

## ABSTRACT OF THE DISCLOSURE

Enforcement firewalls and other security devices are located on a network for a given source node and destination node. Nodes in the network topology are programmatically identified as being part of a non-looping communication path between the source node and the destination node. These nodes may be part of a path closure set. Security devices that are part of the path closure set are identified as the enforcement security devices for the given source and destination node.

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